

HIGH SPEED Z-SMOOTHING METHOD AND APPARATUS
FOR CT IMAGING SYSTEM

ABSTRACT OF THE DISCLOSURE

A method and apparatus for quickly rendering thick CT slice images wherein the data corresponding to an optimal number of slice images to be combined to generate a thick image and the data set required to generate the thick image are determined as a function of an optimal Z-smoothing factor and wherein Z-smoothing is implemented in software that performs quickly and is useable with any helical weighting algorithm and Z-smoothing function.

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